Device for displaying colour images

Abstract

A display device comprises revolving coloured wheels (12, 14), so as to generate a periodic coloured beam, and an imager (16) which modulates the coloured beam as a function of a received video signal ($\vec{V}_{RGB}$). The coloured beam (8) takes successively at each period a plurality of primary colours (α, β, γ) in synchronism with the images generated by the imager for each primary colour (α, β, γ).

By adjustment of the relative position (Φ) of the coloured wheels (12, 14), it is possible to modify the hue of the primary colours (α, β, γ) so as to best match them to the received video signal ($\vec{V}_{RGB}$).

Figure 1